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NPIC/R-117/62

August 1962

OAK - PART II
MISSION 9040
28-31 JULY 1962



ARMY



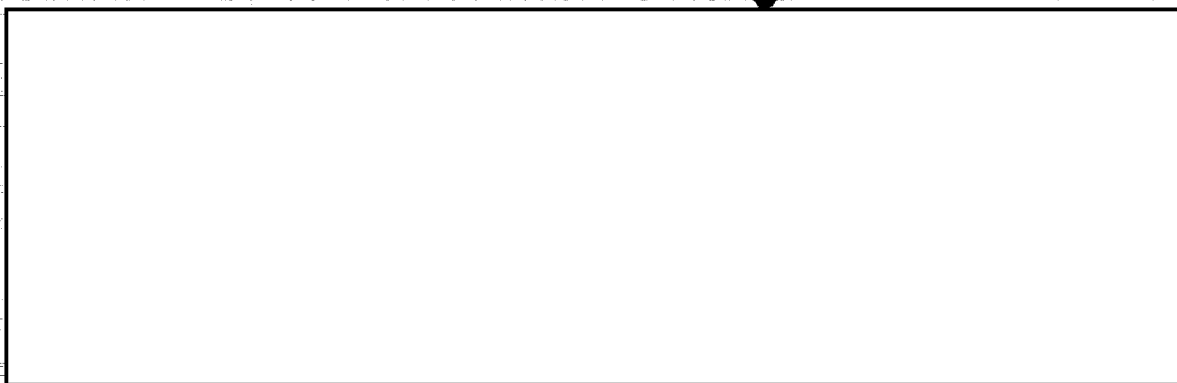
NAVY



AIR FORCE

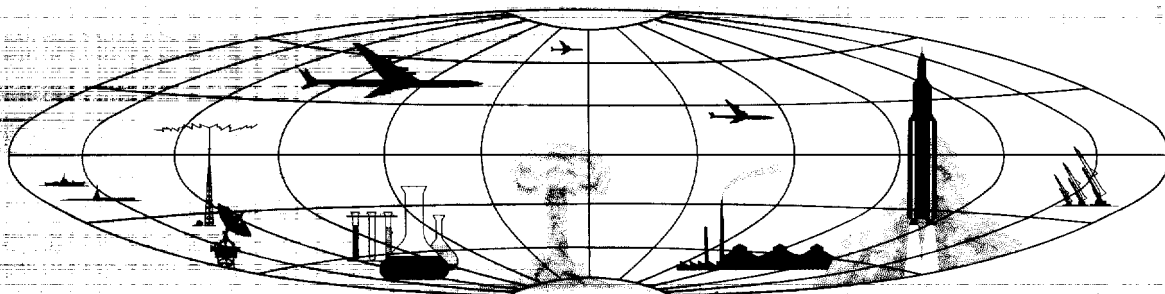


CIA



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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GROUP 1
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downgrading and declassification

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NPIC/R-117/62

OAK-PART II

MISSION 9040

PREFACE

THIS IS THE SECOND OF AN ESTIMATED 3 DAILY OAK REPORTS BASED ON MISSION 9040 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK-REPORTING PERIOD FROM 1430 HOURS 6 AUGUST 1962 TO 1430 HOURS 7 AUGUST 1962, PRESENTS INFORMATION ONLY ON THOSE COMOR TARGETS OBSERVED ON THE PHOTOGRAPHY.

IN MANY INSTANCES INTERPRETATION HAS BEEN IMPAIRED BY FOGGING OF UNKNOWN ORIGIN. TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED BECAUSE OF LIMITING CONDITIONS (IDENTIFICATION ONLY) ARE INCLUDED. COMOR TARGETS NOT OBSERVED OR NOT COVERED BY THE PHOTOGRAPHY WILL BE INCLUDED IN THE FINAL OAK REPORT ON MISSION 9040.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT, AND WITHIN EACH SUBJECT, BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK-REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT FOLLOWING THE LISTING OF COMOR TARGETS. ALL TARGETS IN THIS REPORT ARE LOCATED IN THE USSR UNLESS OTHERWISE INDICATED.

THE NAMES WHICH APPEAR IN THE HEADERS FOR MRBM SITES ARE THE NAMES WHICH CONFORM WITH TDI CRITERIA (REFERENCE -- NAMES OF SURFACE-TO-SURFACE INSTALLATIONS, J2DM-35-62, 14 FEB 62).

SELECTED PHOTOGRAPHIC REFERENCES ARE GIVEN FOR EACH TARGET OBSERVED AND REPORTED FOLLOWING THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE PREFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A PRECEDING FRAME NUMBERS INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESES FOLLOWING THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS KH-4 (1) APR 62.

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY FROM MISSION 9040 IS BEING ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT

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COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY
ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE,
FUTURE DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE
INFORMATION.

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SUMMARY

STATUS OF COMOR TARGET READOUT

A TOTAL OF 46 TARGETS WERE OBSERVED DURING THE CURRENT REPORTING PERIOD AND ARE COVERED BY THIS REPORT.

HIGHLIGHTS

[REDACTED]
THE POWER PLANT, CITY, AND SYNTHETIC FUELS PLANT 16 ARE VISIBLE FOR THE FIRST TIME [REDACTED]

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A NEW AREA (G) HAS BEEN IDENTIFIED AT TYURA TAM. LAUNCH COMPLEX D IS COVERED AGAIN AND FURTHER CONSIDERATIONS HAVE BEEN MADE CONCERNING SILO CONSTRUCTION AT LAUNCH AREAS 1 & 2D
[REDACTED]

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FOUR NEW SA-2 SITES HAVE BEEN IDENTIFIED, ONE EACH AT IRKUTSK, NOVOSIBIRSK, ANGARSK, AND BARNAUL (MISSILE BONUS 1).

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MISSILES ARKHANGELSK SUSPECT ICBM AREA 6432N 04032E

NE AREA CLOUD COVERED. NO SSM ACTIVITY NOTED IN CLOUD-FREE AREAS WITHIN A 25-NM RADIUS OF ARKHANGELSK.

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 TYURA TAM MISSILE TEST CENTER 4550N 06318E

ALTHOUGH THE ENTIRE TYURA TAM CENTER (ATTACHMENT 1) IS COVERED BY PHOTOGRAPHY, FOGGING PRECLUDES A DETAILED INTERPRETATION.

LAUNCH COMPLEXES A AND B -- NO APPARENT CHANGE.

LAUNCH COMPLEX C -- NO APPARENT CHANGE IN VISIBLE PORTIONS. HOWEVER, PHOTO QUALITY PRECLUDES COMPLETE INTERPRETATION.

LAUNCH COMPLEX D (ATTACHMENT 2) -- CONSTRUCTION ACTIVITY CONTINUING AT LAUNCH AREA 1D. THE TWO OBJECTS PREVIOUSLY OBSERVED IN THE EXCAVATION MAY BE ABOVE GROUND LEVEL BUT NOT AS DEFINITELY AS A THIRD OBJECT CENTERED BETWEEN THEM. A DEFINITE LOOP ROAD PATTERN IS NOW DEVELOPING AROUND THE OBJECTS. AT LAUNCH AREA 2D, THE BUNKER AND THE TWO OBJECTS ARE VISIBLE WITHIN THE EXCAVATION. (THE CIA PHOTO INTERPRETERS CONSIDER LAUNCH COMPLEX D A SILO TYPE. THE ARMY AND USAF PHOTO INTERPRETERS CONSIDER IT A POSSIBLE SILO TYPE. THE NAVY PHOTO INTERPRETERS RESERVE THEIR OPINION AT THIS TIME).

LAUNCH COMPLEX E -- NO SIGNIFICANT CHANGE. THE RAIL LINE DOES NOT BRANCH INTO THIS AREA.

LAUNCH COMPLEX F IS BEING CONSTRUCTED ON A HILLOCK. CONSTRUCTION IS CONTINUING, WITH NO RECOGNIZABLE PATTERN AS YET. THE RAIL LINE DOES NOT SERVE THIS AREA.

NEWLY-IDENTIFIED AREA G (ATTACHMENT 3) -- THE RAIL SPUR HEADING NW FROM THE MAIN SERVICE RAIL LINE IS NOW BEING CONSTRUCTED TOWARD AREA G. AREA G CONSISTS OF TWO CLEARED AREAS. ONE IS PROBABLY A SUPPORT AREA

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WHICH NOW CONTAINS AT LEAST 8 BUILDINGS. THE SECOND IS A PROBABLE OPERATIONAL-TYPE AREA IN AN EARLY STAGE OF CONSTRUCTION. THERE IS NO DEFINITE PATTERN APPARENT. THE AREA CONTAINS AT LEAST 4 BUILDINGS, 2 CIRCULAR EXCAVATIONS, AND AN ADJACENT ANGULAR EXCAVATION.

NO SIGNIFICANT CHANGES APPARENT ELSEWHERE IN THE CENTER.

PHOTO REFERENCES FOR SIGNIFICANT ITEMS ARE AS FOLLOWS --

LAUNCH COMPLEX A
LAUNCH COMPLEX B
LAUNCH COMPLEX C
LAUNCH COMPLEX E
LAUNCH COMPLEX F
LAUNCH AREA 1D
LAUNCH AREA 2D
AREA G, FRAME

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MEGET/TELMA SUSPECT ICBM AREA 5224N 10403E

NO SSM ACTIVITY IN CLEAR AREAS WITHIN A 25-NM RADIUS OF MEGET.

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KOSTROMA ICBM LAUNCH COMPLEX 5750N 04115E

LAUNCH AREAS A, B, AND C -- NO SIGNIFICANT CHANGE SINCE MISSION

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LAUNCH AREA D -- CONSTRUCTION CONTINUING. ONE MISSILE-READY BUILDING NOW APPARENT.

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LAUNCH AREA E SHOWS CONSTRUCTION PROGRESS SINCE MISSION THE EAST END OF THE EXCAVATION HAS BEEN SQUARED OFF. THERE APPEAR TO BE TWO OBJECTS IN THE EXCAVATION. THE FINAL CONFIGURATION FOR THE NOTCHED EXCAVATION IS NOT YET APPARENT. CLOUDS AND PHOTO QUALITY PRECLUDE A 35-NM RADIUS SEARCH.

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PHOTO REFERENCES FOR SIGNIFICANT ITEMS ARE AS
FOLLOWS --



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TEYKOVO ICBM LAUNCH COMPLEX 5652N 04035E

NO APPARENT CHANGE SINCE MISSION 
ROAD BETWEEN TRANSFER POINT AND LAUNCH AREA STILL
UNDER CONSTRUCTION. NO ADDITIONAL LAUNCH SITES OR
SIGNIFICANT ACTIVITY IN CLEAR AREAS WITHIN A 35-NM
RADIUS OF TEYKOVO.

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PHOTO REFERENCES FOR SIGNIFICANT ITEMS ARE AS
FOLLOWS --



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TAYSHET SUSPECT SSM AREA 5557N 09800E

NO SSM ACTIVITY IN CLEAR AREAS WITHIN A 50-NM RADIUS
OF TAYSHET. HAZE AND FOGGING LIMIT SEARCH.



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NIZHNEUDINSK SUSPECT SSM AREA 5454N 09903E

NO SSM ACTIVITY OBSERVED IN CLEAR AREAS WITHIN 50-NM
RADIUS OF NIZHNEUDINSK.



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KURGAN SUSPECT SSM AREA 5526N 06520E

NO SSM ACTIVITY IN CLEAR AREAS WITHIN A 50-NM RADIUS OF KURGAN.

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ISHIM SUSPECT SSM AREA 5607N 06929E

NO SSM ACTIVITY IN CLEAR AREAS WITHIN A 50-NM RADIUS OF ISHIM.

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KOZELSK ICBM LAUNCH COMPLEX 5357N 03548E

COMPLEX IDENTIFIED, BUT FOGGING AND SCALE PRECLUDE DETAILED INTERPRETATION. NO SIGNIFICANT ACTIVITY IN CLEAR AREAS WITHIN 35-NM RADIUS OF KOZELSK. WEST HALF OF SEARCH AREA NOT COVERED BY PHOTOGRAPHY.

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SLYUDYANKA SUSPECT ICBM LAUNCH COMPLEX 5131N 10410E

SUSPECT FACILITY IDENTIFIED FROM [REDACTED] COLLATERAL AS BAYKALSKIY PULP PLANT. SEE NPIC CABLE [REDACTED]. A SEARCH WITHIN A 30-NM RADIUS OF SLYUDYANKA REVEALED NO MISSILE ACTIVITY.

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KHANTY MANSIYSK SUSPECT SSM AREA 6101N 06902E

NO SSM ACTIVITY IN CLEAR AREAS WITHIN A 25-NM RADIUS OF KHANTY MANSIYSK.

25X1

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SARALA SUSPECT SSM AREA 5452N 08914E

ONLY EASTERN HALF OF 50-NM RADIUS OF SARALA COVERED BY PHOTOGRAPHY. NO SSM ACTIVITY IN CLEAR AREAS.

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ABAZA SUSPECT SSM AREA 5239N 09006E

ONLY EASTERN HALF OF 50-NM RADIUS OF ABAZA COVERED BY PHOTOGRAPHY. NO SSM ACTIVITY OBSERVED IN CLEAR AREAS.

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25X1

NERCHINSK SUSPECT SSM AREA 5158N 11635E

NO SSM ACTIVITY IN CLEAR AREAS WITHIN A 50-NM RADIUS OF NERCHINSK.

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KARANGIT MISSILE TEST AREA 4502N 03558E

IDENTIFICATION ONLY.

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UZHGOROD/PERECHIN SUSPECT MRBM AREA 4837N 02218E

ONLY EASTERN HALF OF 25-NM RADIUS OF UZHGOROD/
PERECHIN COVERED BY PHOTOGRAPHY. NO SSM ACTIVITY IN
CLEAR AREAS.

25X1

MUKACHEVO MRBM LAUNCH SITE 2 4819N 02237E

SITE NOW APPEARS COMPLETE.
THE RECTANGULAR SITE CONSISTS OF 4 LAUNCH PADS, A
DRIVE-THROUGH BUILDING MIDWAY BETWEEN EACH PAIR OF
PADS, AND A SUPPORT AREA.

25X1

ZELENA-FRYDEK SUSPECT MRBM AREA (CZECH) 4941N 01821E

NO SSM ACTIVITY IN CLEAR AREAS WITHIN A 15-NM RADIUS
OF ZELENA-FRYDEK.

25X1

RUZOMBEROK SUSPECT MRBM AREA (CZECH) 4905N 01919E

NO SSM ACTIVITY IN CLEAR AREAS WITHIN A 15-NM RADIUS
OF RUZOMBEROK.

25X1

BOZNSKA BYSTRICA SUSPECT MRBM AREA (CZECH) 4844N 01909E

NO SSM ACTIVITY IN CLEAR AREAS WITHIN A 15-NM RADIUS
OF BOZNSKA BYSTRICA.

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RISTI MRBM LAUNCH SITE 2 5906N 02406E

RISTI LAUNCH SITE 2 IS NOW A CONFIRMED MRBM LAUNCH SITE. THE SITE CONTAINS 4 LAUNCH PADS AND AT LEAST 2 READY BUILDINGS. CONFIGURATION AND CONSTRUCTION STATUS CANNOT BE DETERMINED.

25X1

MOLOSKOVITSY MRBM LAUNCH SITE 2 5929N 02910E

IDENTIFICATION ONLY.

25X1

KAPUSTIN YAR/VLADIMIROVKA GM TEST RANGE 4835N 04545E

NO APPARENT CHANGE SINCE MISSION [REDACTED] NO

25X1

25X1

25X1

25X1

25X1

DNEPROPETROVSK MOTOR VEHICLE PLANT 3 (DAZ) 4826N 03459E

NO NEW CONSTRUCTION, UNUSUALLY LONG RAIL CARS, EQUIPMENT, OR OBJECTS OBSERVED IN TEST AREA. NO EVIDENCE OF OPERATIONAL ACTIVITY.

25X1

KRASNOYARSK ARMS PLANT VOROSHILOV NO 4 5600N 09269E

NO APPARENT CHANGE SINCE MISSION [REDACTED]
NO UNUSUALLY LONG RAIL CARS OR OTHER EQUIPMENT

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OBSERVED. QUALITY OF PHOTOGRAPHY NOT AS GOOD AS
MISSION [REDACTED], OR MISSION [REDACTED]

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OMSK AIRCRAFT ENGINE PLANT BARANOVA 29 5457N 07326E

MAIN PLANT AREA CLOUD COVERED. POSSIBLE BUILDING
FOUNDATION UNDER CONSTRUCTION JUST SOUTH OF FINAL
ASSEMBLY BUILDING. NO AIRCRAFT OR UNUSUALLY LONG
RAIL CARS OBSERVED. NO SUSPECT MISSILE ASSOCIATED
EQUIPMENT OBSERVED. QUALITY OF PHOTOGRAPHY NOT AS
GOOD AS MISSION [REDACTED]

25X1

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MINSK AREA MISSILE PRODUCTION SEARCH 5353N 02734E

NO MISSILE-PRODUCTION FACILITIES IN CLEAR AREAS
WITHIN A 25-NM RADIUS OF MINSK.

25X1

KHARKOV AREA MISSILE PRODUCTION SEARCH 4959N 03614E

NO MISSILE PRODUCTION ACTIVITY IN CLEAR AREAS WITHIN
A 25-NM RADIUS OF KHARKOV.

25X1

KIEV AREA MISSILE PRODUCTION SEARCH 5027N 03030E

NO MISSILE PRODUCTION FACILITIES IN CLEAR AREAS
WITHIN A 25-NM RADIUS OF KIEV.

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VORONEZH STATIC TEST FACILITY 5134N 03908E

NO UNUSUALLY LONG RAIL CARS OR CONSTRUCTION ACTIVITY
OBSERVED AT PLANT AREA. NO EQUIPMENT OR OBJECTS
OBSERVED IN THE TEST AREA. NO EVIDENCE OF
OPERATIONAL ACTIVITY IN TEST AREA.

25X1

ZAPOROZHYE AIRCRAFT ENGINE PLANT 478 4749N 03511E

NO ROCKET ENGINE TEST FACILITIES IN CLEAR AREAS
WITHIN A 35-NM RADIUS OF ZAPOROZHYE.

25X1

LENINGRAD AIRCRAFT ENGINE PLT 466B (117) 5959N 03020E

NO ROCKET ENGINE TEST FACILITIES IN CLEAR AREAS
WITHIN A 35-NM RADIUS OF LENINGRAD.

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BRZEG (BRIEG) SUSPECT MISSILE AREA (POLAND) 5051N 01728E**NO SSM ACTIVITY IN CLEAR AREAS WITHIN A 25-NM RADIUS
OF BRZEG.**

25X1

**BONUS 1. THE FOLLOWING SA-2 SAM SITES HAVE BEEN
NEWLY IDENTIFIED --****COMPLETED SA-2 SAM SITE 12 NM WEST OF BARNAUL AT
53-21-00N 083-27-30E. PLOTTED ON USATC SERIES 200,
SHEET 0162-20A, 1ST ED, JUN 59.**

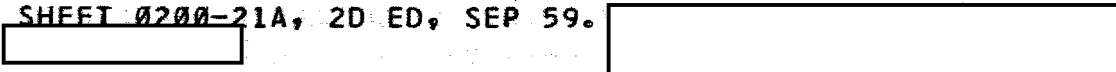
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**COMPLETED SA-2 SAM SITE 13 NM NW OF ANGARSK AT
52-45-00N 103-45-40E. PLOTTED ON USATC SERIES 200,
SHEET 0200-21A, 2D ED, SEP 59.**

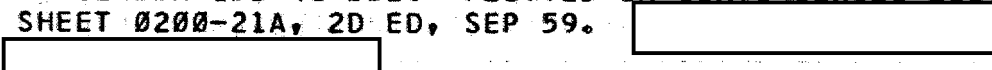
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**COMPLETED SA-2 SAM SITE 20 NM WSW OF IRKUTSK AT
52-12-00N 103-48-00E. PLOTTED ON USATC SERIES 200,
SHEET 0200-21A, 2D ED, SEP 59.**

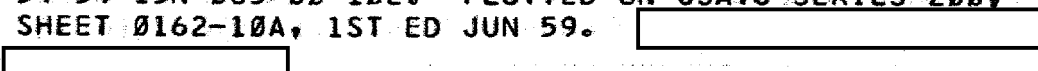
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**COMPLETED SA-2 SAM SITE 8.5 NM SSE OF NOVOSIBIRSK AT
54-54-15N 083-00-10E. PLOTTED ON USATC SERIES 200,
SHEET 0162-10A, 1ST ED JUN 59.**

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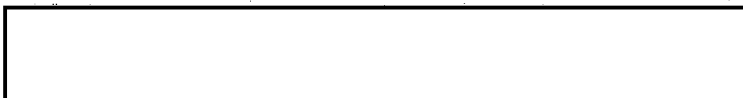


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AIRCRAFT**DOLON AIRFIELD 5032N 07912E****AIRCRAFT -- 36 LARGE UNIDENTIFIED AIRCRAFT, 12
SMALLER UNIDENTIFIED AIRCRAFT.**

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ENGELS AIRFIELD 5129N 04611E

AIRCRAFT -- APPROXIMATELY 40 UNIDENTIFIED AIRCRAFT
PARKED ON MAIN PARKING APRON AND ON NW AND SE APRONS.

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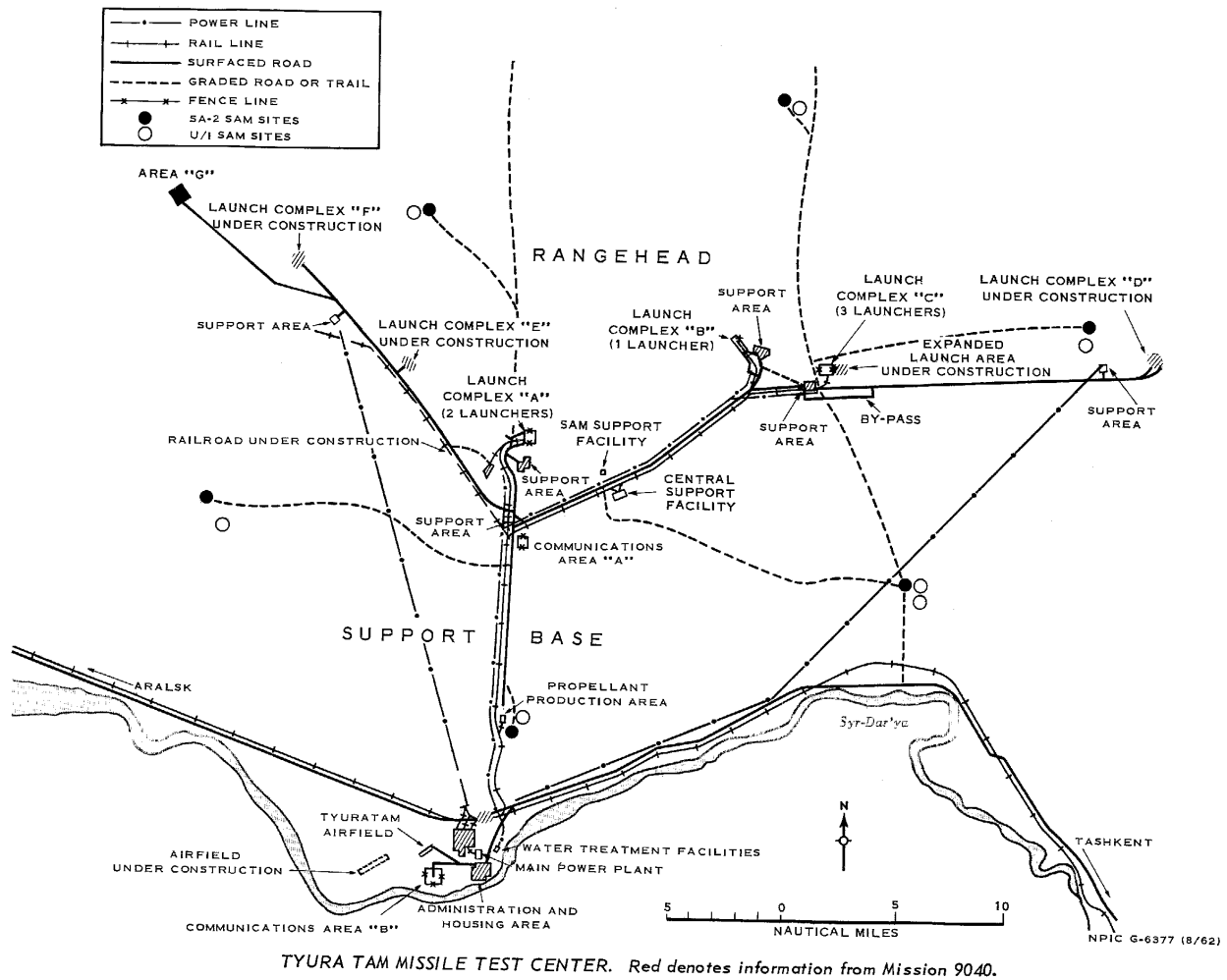
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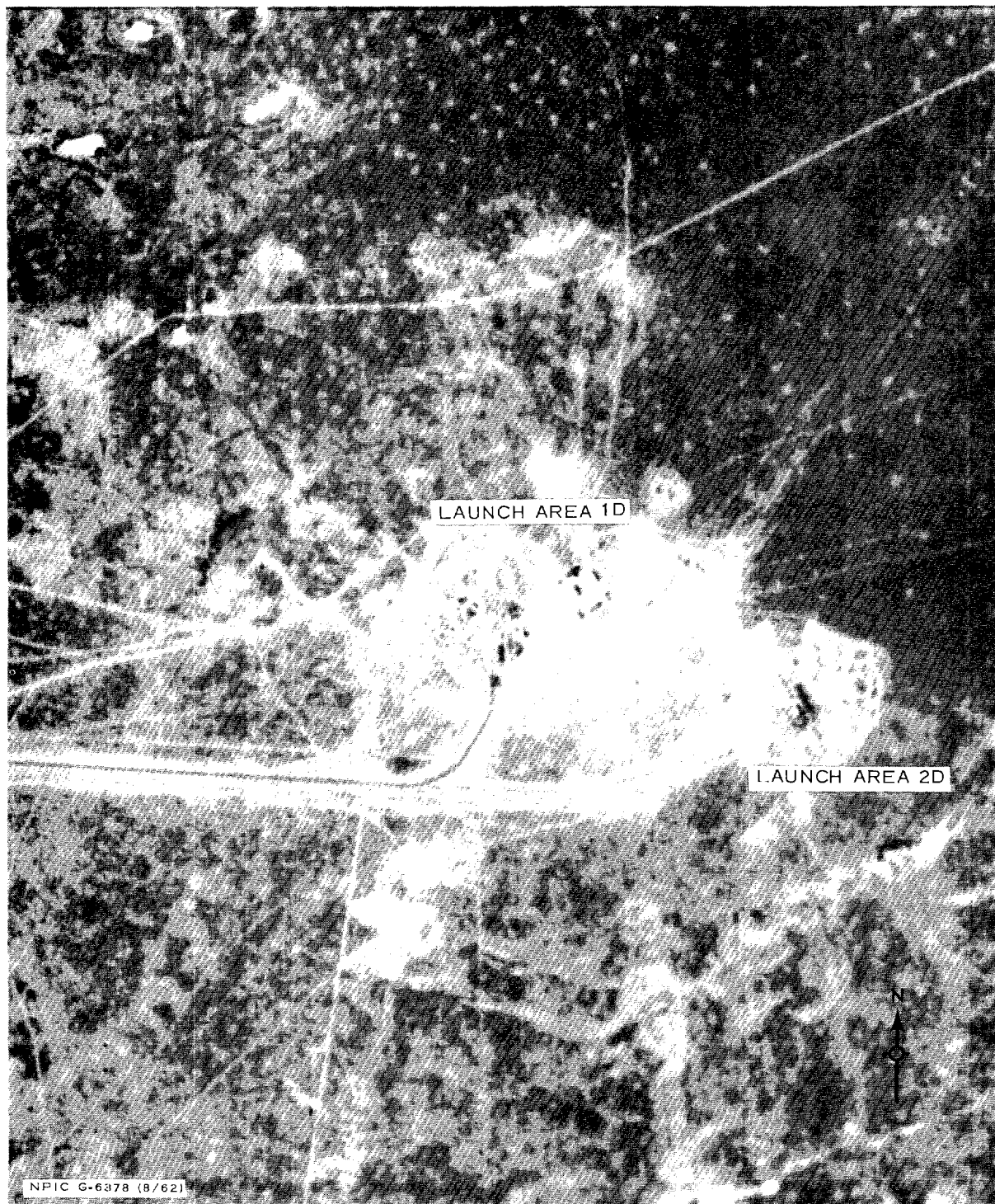
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ATTACHMENT 1

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NPIC/R-117/62
ATTACHMENT 2



LAUNCH COMPLEX D.

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ATTACHMENT 3



NPIC G-6379 (8/62)

NEWLY IDENTIFIED AREA G.

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